

What is claimed as new and desired to be protected by Letters Patent of the United States is:

1. A method for management of chemical materials comprising the steps of:

providing a first data set containing which substances comprise said materials;

providing a second data set containing which of said substances are to be controlled;

providing a third data set containing a ratio of discharge of said controlled substances in a process;

analyzing a preset amount of said materials in said process and determining a quantity of said controlled substances utilizing said first and second data set ;

determining an emissions quantity of said controlled substances utilizing said ratio and said quantity of said controlled substances; and

maintaining said third data set according to a preset interval of time.

2. The method of claim 1 wherein said third data set further includes

Sub  
A1

09858478-051701

point of discharge and transfer information.

3. The method of claim 1 wherein said third data set further includes discharged component information.

4. The method of claim 1 wherein said process is a chemical reaction.

5. The method of claim 1 further comprising the step of providing a fourth data set containing handling precautions, hazards and legal regulations for said materials.

6. The method of claim 1 wherein said data sets are provided by an outsourcing company.

7. A method for management of chemical materials comprising the steps of:

providing a first data set containing which substances comprise said materials;

providing a second data set containing which of said substances are to be controlled;

providing a third data set containing a ratio of discharge of said

09858478-051701  
T07T50-B2485860

controlled substances in a process;

providing a fourth data set containing handling precautions, hazards  
and legal regulations for said materials;

analyzing a preset amount of said materials in said process and  
determining a quantity of said controlled substances utilizing said first and  
second data sets;

determining an emissions quantity of said controlled substances  
utilizing said ratio and said quantity of said controlled substances; and

maintaining said third data set according to a preset interval of time.

8. The method of claim 7 wherein said third data set further includes  
point of discharge and transfer information.

9. The method of claim 7 wherein said third data set further includes  
discharged component information.

10. The method of claim 7 wherein said process is a chemical  
reaction.

11. The method of claim 7 wherein said data sets are provided by an  
outsourcing company.

A/  
Cont'd

09858478.051701

A1  
Cont'd

12. A method for management of chemical materials comprising the steps of:

providing a first data set containing which substances comprise said materials;

5 providing a second data set containing which of said substances are to be controlled;

providing a third data set containing a ratio of discharge of said controlled substances in a process;

10 analyzing a preset amount of said materials in said process and determining a quantity of said controlled substances utilizing said first and second data sets; and

determining an emissions quantity of said controlled substances utilizing said ratio and said quantity of said controlled substances.

13. The method claim 12 further comprising the step of maintaining  
15 said third data set according to a preset interval of time.

14. The method of claim 12 wherein said third data set further includes point of discharge and transfer information.

09858478-051701  
T02750-02485860

15. The method of claim 12 wherein said third data set further includes discharged component information.

16. The method of claim 12 wherein said process is a chemical reaction.

17. The method of claim 12 further comprising the step of providing a fourth data set containing handling precautions, hazards and legal regulations for said materials.

18. The method of claim 12 wherein said data sets are provided by an outsourcing company.

19. A system for management of chemical materials comprising:  
a server comprising:  
a first data set containing which substances comprise said materials;  
a second data set containing which of said substances are to be controlled;

a third data set containing a ratio of discharge of said controlled substances in a process;

said server being in communication with a processor, said processor

PP/  
Cont'd

09858478-051701

5

10

15

being programmed to:

analyze a preset amount of said materials in said process and determining a quantity of said controlled substances utilizing said first and second data sets;

determine an emissions quantity of said controlled substances utilizing said ratio and said quantity of said controlled substances; and

maintain said third set data according to a preset interval of time.

20. The system of claim 19 wherein said third data set further includes point of discharge and transfer information.

21. The system of claim 19 wherein said third data set further includes discharged component information.

22. The system of claim 19 wherein said process is a chemical reaction.

23. The system of claim 19 further comprising a fourth data set containing handling precautions, hazards and legal regulations for said materials.

24. The system of claim 19 wherein said data sets are provided by an outsourcing company.

0985478-051701

A1  
Cmtd

25. A system for management of chemical materials comprising:

a server comprising:

a first data set containing which substances comprise said materials;

a second data set containing which of said substances are to be  
5 controlled;

a third data set containing a ratio of discharge of said controlled  
substances in a process;

a fourth data set containing handling precautions, hazards and legal  
regulations for said materials;

10 said server being in communication with a processor, said processor  
being programmed to:

analyze a preset amount of said materials in said process and  
determining a quantity of said controlled substances utilizing said first and  
second data sets;

15 determine an emissions quantity of said controlled substances  
utilizing said ratio and said quantity of said controlled substances; and

maintain said third set data according to a preset interval of time.

A/  
Cont'd

09858478-051701  
T02T50-82485860

26. The system of claim 25 wherein said third data set further includes point of discharge and transfer information.

27. The system of claim 25 wherein said third data set further includes discharged component information.

28. The system of claim 25 wherein said process is a chemical reaction.

29. The system of claim 25 wherein said data sets are provided by an outsourcing company.

30. A system for management of chemical materials comprising:

a server comprising:

a first data set containing which substances comprise said materials;

a second data set containing which of said substances are to be controlled;

a third data set containing a ratio of discharge of said controlled substances in a process;

said server being in communication with a processor, said processor being programmed to:

A1  
Cm+8

09858478 051701  
FOI 50" 82485860

5

10

15



analyze a preset amount of said materials in said process and  
determining a quantity of said controlled substances utilizing said first and  
second data sets; and

determine an emissions quantity of said controlled substances  
utilizing said ratio and said quantity of said controlled substances.

31. The system of claim 30 wherein said third data set further  
includes point of discharge and transfer information.

32. The system of claim 30 wherein said third data set further  
includes discharged component information.

33. The system of claim 30 wherein said process is a chemical  
reaction.

34. The system of claim 30 further comprising a fourth data set  
containing handling precautions, hazards and legal regulations for said materials.

35. The system of claim 30 wherein said data sets are provided by  
an outsourcing company.

36. A system for management of chemical materials comprising:

a first data set containing which substances comprise said materials;

AI  
Cont'd

09858478-051701

AI Cont'd  
09858478.051701  
102750" 82485860

a second data set containing which of said substances are to be controlled;

a third data set containing a ratio of discharge of said controlled substances in a process;

5            said first and second data sets being utilized to analyze a preset amount of said materials in said process and determine a quantity of said controlled substances;

said ratio and said quantity of said controlled substances being utilized to determine an emissions quantity of said controlled substances; and

10           said third set data being maintained according to a preset interval of time.

37. A system for management of chemical materials comprising:

a first data set containing which substances comprise said materials;

15           a second data set containing which of said substances are to be controlled;

a third data set containing a ratio of discharge of said controlled substances in a process;

fourth data set containing handling precautions, hazards and legal regulations for said materials;

said first and second data sets being utilized to analyze a preset amount of said materials in said process and determine a quantity of said controlled substances;

said ratio and said quantity of said controlled substances being utilized to determine an emissions quantity of said controlled substances; and

said third set data being maintained according to a preset interval of time.

38. A system for management of chemical materials comprising:

a first data set containing which substances comprise said materials;

a second data set containing which of said substances are to be controlled;

a third data set containing a ratio of discharge of said controlled substances in a process;

said first and second data sets being utilized to analyze a preset amount of said materials in said process and determine a quantity of said

00858478-05104  
FOI T50" 82485860

A!  
Cont'd

controlled substances; and

said ratio and said quantity of said controlled substances being utilized to determine an emissions quantity of said controlled substances.

39. A method for management of chemical materials comprising the steps of:

providing a first data set containing substances which comprise said materials;

providing a second data set containing substances which are to be controlled;

providing a third data set containing a ratio of discharge of said controlled substances in a process, wherein a fed substance and a discharged substance in the process are stored in said third data set and said discharged substance includes said controlled substance different from said fed substance and generated in the process;

analyzing a preset amount of said materials in said process and determining a quantity of said controlled substances utilizing said first and second data set ; and

A/  
Cmt d

09858478.051701

5

10

15

determining an emissions quantity of said controlled substances  
utilizing said ratio and said quantity of said controlled substances.

09858478-051701